

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: John Thomson et al.

Assignee: Atheros Communications, Inc.

Title: Efficient Pilot Tracking Method For OFDM Receivers

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Examiner: Khanh C. Tran Art Unit: 2611

Docket No.: ATH-0038-1C

Date: August 24, 2006

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT IN RESPONSE TO THE THIRD OFFICE ACTION

Initial Comments

Claims 6, 11, 12, 18, 23-51, 54, and 59-63 are pending in the present application.

Claims 11, 12, and 23-51 are allowed. Claim 59 is objected to as being dependent from a rejected claim but would be allowed if rewritten in independent form to include the limitations of its base claim and any intervening claims.

Claims 10 and 52 are objected to because of informalities. Claims 1-10 are rejected under 35 USC 102(e) as being anticipated by U.S. Patent 6,359,938 (Keevill). Claims 60-63 are rejected under 35 USC 102(e) as being anticipated by U.S. Patent 6,628,738 (Peeters). Claims 13-22 and 52-58 are rejected under 35 USC 103(a) as being obvious over Keevill.

Claims 1-5, 7-10, 13-17, 19-22, 52-53, and 55-58 are cancelled, thereby rendering the rejection of those claims (and the objection to Claims 10 and 52) moot. Claims 6, 18, 52, and 54 are amended herein.